

**Patent Abstracts of Japan**

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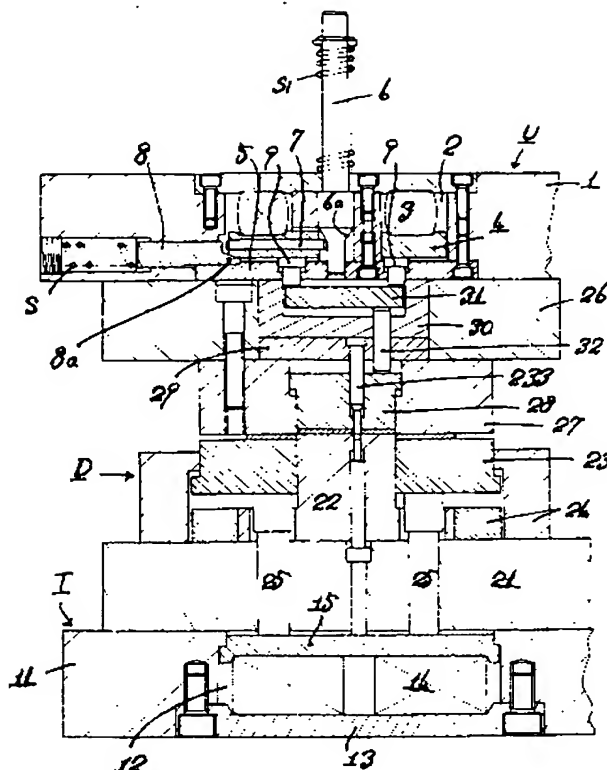
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TITLE : FINE BLANKING DEVICE BY GENERAL PRESS MACHINE



**ABSTRACT :** PURPOSE: To obtain a titled working device which is capable of easily performing fine blanking, by using an upper wall, a lower wall and a special metallic mold for making a general press execute a reciprocating motion so as to perform the fine blanking working.

CONSTITUTION: A material G is inserted between a plate holder 23 and a die 27, the die 27 is made to go down simultaneously when an upper wall U of a press machine goes down, and the material G is pinched and held. The press is further made to go down, and the material G is pinched and held by supporting the plate holder 23 for fixing a punch 22 onto a table through a lower plate 21, by a moving plate 15 of a lower wall T through a pin 25. Subsequently, in this state, as the press is further made to go down, the plate holder 23, the pin 25 and the moving plate 15 are made to go down, and the plate holder 23 is made to go down so as to compress an elastic material 14 in the lower wall T. In this way, the material G is placed and held between the plate holder 23 and the die 27, also its fine blanking working is performed to a necessary shape between the fixed punch 22 and an ejector 28, and the material G is cut off.

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